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# ENCYCLOPÆDIA BRITANNICA

NINTH EDITION



THE  
ENCYCLOPÆDIA BRITANNICA

A  
DICTIONARY

OF  
ARTS, SCIENCES, AND GENERAL LITERATURE

NINTH EDITION

INDEX

WITH LIST OF CONTRIBUTORS AND KEY TO THEIR INITIALS

EDINBURGH: ADAM AND CHARLES BLACK

MDCCCLXXXIX

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*First Edition, 1771 ; Second Edition, 1777-84 ; Third Edition, 1788-97 ;  
Fourth Edition, 1800-10 ; Fifth Edition, 1817 ; Sixth Edition,  
1823 ; Seventh Edition, 1830-42 ;  
Eighth Edition, 1853-61 ; Reprinted, 1862, 1866,  
1868, 1870, 1872 ;  
Ninth Edition, 1875-89 ; Reprinted, 1890,  
1892, 1895, 1896, 1898.*

## P R E F A C E.

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**A**N index commonly needs no preface, but it seems not unreasonable to explain why an alphabetical Encyclopædia is furnished with an alphabetical index. In smaller works of reference which partake of the nature of verbal lexicons no such thing is needed; but the plan of the *Encyclopædia Britannica* is to deal with subjects rather than words, and to discuss large subjects in a connected way, under general headings, so that the book may be used not only for occasional reference but for systematic study. Many things, therefore, which a reader may wish to understand are explained, not under their own names, but in the course of a larger discussion, and those who desire to learn about them will find the explanation in its proper place by the aid of this index volume. The index has been compiled by Mr William Cairns, and arranged and revised by the Rev. Geo. M'Arthur, with the assistance of Miss Emily Stevenson and Mr J. T. Bealby.

Besides the index, the present volume contains a complete list of those who have written articles for the ninth edition of the *Encyclopædia*, with a key to the initial letters affixed to the longer contributions. It is to be observed that the use of these initials was not designed to lighten the responsibility of the editors. No editor can possess the knowledge which would enable him to control the work of his contributors in all the subjects treated of in the *Encyclopædia*, but no effort has been spared on the part of the editorial staff to secure the accuracy and sufficiency of every contribution, and to prevent those repetitions and inconcinnities which necessarily occur where each contributor is absolutely and solely responsible for the articles that bear his name.

In this endeavour the editors have been heartily supported by the contributors themselves: a large proportion of the unsigned articles have been written by scholars of the first name, who kindly undertook to do small things as well as large in order to secure the uniform treatment of a whole group of subjects, and in all departments leading authorities at home and abroad have been found ready to help, not merely by their direct contributions, but by valuable counsels as to the plan of articles and the choice of writers—often also by revising what others had written, and suggesting corrections and improvements.

The list of contributors, and the initials appended to the longer articles, are sufficient to show that the ninth edition of the *Encyclopædia Britannica* is no mere compilation, but the work of specialists writing from firsthand knowledge, to an extent that had not been attempted in previous works of the kind. But an *Encyclopædia*, however brilliant its list of contributors, must always owe much to the constant and stated labours of a resident staff, whose members give their whole time to the work, and to these gentlemen a special acknowledgment is due. The Rev. George M'Arthur read every sheet of the book down to 1883, after which date he had the assistance of Mr J. T. Bealby, but continued to take the chief and most responsible share in that minute revision which every line of such a work demands. The late Mr W. Browning Smith from 1873 to 1878, Prof. Adamson from 1874 to 1876, Mr H. A. Webster from 1874 to 1887, Mr F. H. Butler in 1876 and 1877, and Mr T. F. Henderson from 1877 to 1884 gave their daily service to the work of the *Encyclopædia*, writing regularly on their own subjects, and helping the editors in various other ways. From the year 1878 Mr J. Sutherland Black acted as assistant editor, and from 1883 to the close of the work he was chief of the resident staff. To his knowledge, zeal, and judgment the work owes more than can be here expressed. It ought to be added that the task of the editors has at all times been much facilitated by the excellent administration of the publishers, who, quite apart from the ability and liberality with which they have conducted the business part of the undertaking, have throughout taken the greatest interest in the literary work of the *Encyclopædia*, and have given to the editors the manifold assistance which can be derived from a practical knowledge of affairs.

W. ROBERTSON SMITH.

CHRIST'S COLLEGE, CAMBRIDGE,  
*February 18, 1889.*

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 P. P. A. . P. P. ALEXANDER (the late), St Andrews.  
 R. A. . . ROGER ACTON, London.  
 R. AD. . . ROBERT ADAMSON, LL.D., Professor of Logic, Owens College, Manchester.  
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## B

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 A. B\*. . . ALEX. BAIN, LL.D., author of "The Emotions and the Will."  
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W. H. BREWER, Sheffield Scientific School, Yale College, New Haven, Conn. [article WHEAT, American].
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- C
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- A. C\*. . . Rev. ARTHUR CARR, M.A., St Sebastian Vicarage, Wokingham, Berks.
- A. CA. . . ARTHUR CAYLEY, LL.D., F.R.S., Sadlerian Professor of Pure Mathematics, University of Cambridge.  
Rev. ANDREW CARTER, Stirling [articles KEN, LYTE].  
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F. CHAPMAN, Dunedin, N.Z. [article DUNEDIN].
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- L. C. . . LEWIS CAMPBELL, LL.D., Professor of Greek, University of St Andrews.
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THOMPSON COOPER, author of "Biographical Dictionary" [articles CAPGRAVE, CHALLONER, &c.].
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## D

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JAMES DEWAR, M.A., F.R.S., Jacksonian Professor of Natural Experimental Philosophy, University of Cambridge [articles ACID, AMMONIA, &c.].  
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P. E. DOVE, London [articles JUNG, KNOT].
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VICTOR DINGELSTEDT, Tiflis [articles SHEMAKHA, SHUSHA].
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WM. DURIE [articles ALFRED, &c.].
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W. B. D'ALMEIDA, F.R.G.S., Barrister-at-Law, London [articles MALACCA, MANILA].  
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- W. T. T. D. W. . . T. THISELTON DYER, B.Sc., C.M.G., F.R.S., Director, Royal Gardens, Kew.

## E

- A. B. E. . . Miss AMELIA B. EDWARDS, author of "A Thousand Miles up the Nile."
- A. C. E. . . ALEX. C. EWALD, F.S.A., Public Record Office, London.
- A. J. E. . . ARTHUR J. EVANS, M.A., author of "Through Bosnia on Foot."
- A. J. E\*. . . ALEX. J. ELLIS, F.S.A., author of "Early English Pronunciation."
- C. B. E. . . Lieut.-General CHARLES B. EWART, R.E., C.B.

- C. I. E. . . CHARLES I. ELTON, B.A., Q.C., M.P., London.  
DAN. GIRAUD ELLIOT, author of "Monograph of the Felidæ" [article JAGUAR].
- E. E. . . Lady EASTLAKE, author of "Memoir of Sir Charles Eastlake."
- E. ED. . . EDWARD EDWARDS, author of "Libraries and Founders of Libraries."  
FRANK M. ESTING, Philadelphia, Pa. [article GIRARD, S.].
- G. E. E. . . Rev. GEO. E. ELLIS, D.D., Boston, Mass.  
Rev. GEO. H. EMERSON, D.D., Editor of "Christian Leader," Boston, Mass. [article UNIVERSALISTS].
- H. E. . . HERMANN ETHÉ, Ph.D., Professor of Oriental Languages, University College, Aberystwith.
- J. E. . . JULIUS EGGELING, Ph.D., Professor of Sanskrit, University of Edinburgh.
- J. A. E. . . J. A. EWING, B.Sc., F.R.S., Professor of Engineering, University College, Dundee.  
Rev. ROBERT EWING, M.A., St John's College, Oxford [article SHAIRE].
- W. K. E. . . Col. W. KIDSTON ELLES, C.B., Adjutant-General in India.

## F

- A. F. . . A. FÜHRER, Ph.D., Allahabad.
- A. C. F. . . A. CAMPBELL FRASER, LL.D., D.C.L., Professor of Logic and Metaphysics, University of Edinburgh.
- A. H. F. . . Rev. A. HOLLINGWORTH FROST, M.A., Cambridge.
- A. M. F. . . Rev. A. M. FAIRBAIRN, D.D., Principal, Mansfield Independent College, Oxford.
- A. M.-F. . . A MOREL-FATIO, École Nationale des Chartes, Paris.
- C. A. F. . . C. ALAN FYFFE, M.A., author of "A History of Modern Europe."
- C. A. M. F. . . CHARLES A. M. FENNELL, Litt.D., Cambridge.
- C. C. P. F. . . Captain C. C. PENROSE FITZGERALD, R.N.
- C. L. N. F. C. . . LE NEVE FOSTER, D.Sc., H.M. Inspector of Metalliferous Mines.
- D. W. F. . . DOUGLAS W. FRESHFIELD, M.A., author of "The Italian Alps."
- E. F. . . Right Hon. Lord Justice Sir EDWARD FRY, F.R.S.
- E. A. F. . . E. A. FREEMAN, LL.D., D.C.L., Regius Professor of Modern History, University of Oxford.
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- F. W. F. . . Ven. F. W. FARRAR, D.D., F.R.S., Archdeacon of Westminster.
- G. F. . . GEORGE FERGUSON, LL.D., late Professor of Humanity, University of Aberdeen.
- G. FL. . . GEORGE FLEMING, LL.D., C.B., Principal Veterinary Surgeon, War Office, London.
- G. H. F. . . Rev. GEO. HAY FORBES, late of St Serf's, Burntisland.
- H. J. E. F. . . H. J. E. FRASER, M.A., Advocate, Edinburgh.
- H. O. F. . . HENRY O. FORBES, author of "A Naturalist's Wanderings in the Eastern Archipelago."
- J. F. . . JOHN FERGUSON, M.A., Professor of Chemistry, University of Glasgow.
- J. FR. . . Rev. JOHN FRASER (the late), University of Chicago.
- J. G. F. . . J. G. FITCH, H.M. Inspector of Schools, Whitehall.

- J. G. FR. . J. G. FRAZER, M.A., Fellow of Trinity College, Cambridge.
- J. R. F. . J. R. FINDLAY, author of "Personal Recollections of De Quincey."
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- J. W. F. . J. WALTER FERRIER, St Andrews.
- M. F. . . MICHAEL FOSTER, M.D., F.R.S., Professor of Physiology, University of Cambridge.
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- R. B. F. . Prof. R. B. FULTON, University of Mississippi, Oxford, Miss.
- ROBERT W. FELKIN, M.D., joint author of "Uganda and the Eastern Soudan" [articles UGANDA, &c.].
- S. F. . . Sir SAMUEL FERGUSON, LL.D., Q.C., late Deputy Keeper of Public Records, Dublin.
- T. F. . . THOMAS FOWLER, D.D., Professor of Logic, University of Oxford.
- T. G. G. F. T. G. G. FAUSSETT, Canterbury.
- W. F. . . WILLIAM FARR, M.D., D.C.L., F.R.S., C.B., late Superintendent of Statistics, Registrar-General's Office, London.
- Rev. WM. FERGUSON, Barrow [article BARROW-IN-FURNESS].
- W. E. F. . WILLIAM E. FOSTER, Providence, R.I.
- W. H. F. . WM. H. FLOWER, LL.D., F.R.S., C.B., Director of the Natural History Departments, British Museum.
- W. W. F. . W. WYNNE FFOULKES, M.A., Chester.
- G
- G. . . . The Right Hon. Lord GRIMTHORPE, LL.D. (Sir Edmund Beckett), author of "Clocks and Locks."
- A. G. . . Major ARTHUR GRIFFITHS, H.M. Inspector of Prisons, Home Office, Whitehall.
- A. G\*. . . ARTHUR GAMGEE, M.D., F.R.S., Fullerian Professor of Physiology, Royal Institution of Great Britain.
- A. GA. . . ANDREW GARRAN, Editor of *The Herald*, Sydney, N.S.W.
- A. GE. . . ARCHIBALD GEIKIE, LL.D., F.R.S., Director-General, Geological Survey of the United Kingdom.
- A. GI. . . ALEXANDER GIBSON (the late), M.A., Advocate, Edinburgh.
- A. GO. . . Rev. ALEX. GORDON, M.A., Belfast.
- A. GR. . . Sir ALEXANDER GRANT (the late), Bart., LL.D., D.C.L., Principal, University of Edinburgh.
- ALBERT GRAY, Barrister-at-Law, London [article LACCADIVES].
- A. B. G. . Rev. A. B. GROSART, LL.D., author of "Life of Michael Bruce."
- A. C. G. . ALBERT C. L. G. GÜNTHER, M.D., Ph.D., F.R.S., Keeper of the Zoological Department, British Museum.
- ANGELO DE GUBERNATIS, Professor of Sanscrit and Comparative Literature, Reale Istituto Superiore, Florence [articles GIUSTI, GORDONI, &c.].
- A. E. G. . A. E. GOUGH, M.A., Principal of the Madrasa, Calcutta.
- A. G. G. . A. G. GREENHILL, M.A., Professor of Applied Mathematics, Royal Artillery College, Woolwich.
- A. V. G. . A. VON GUTSCHMID (the late), Professor of Ancient History, University of Tübingen.
- BARTHOLOMEW GUNSZT, London [articles PRESSBURG, &c.].
- C. G. . . CHARLES GIBBON, author of "Life of George Combe."
- C. D. G. . Rev. C. D. GINSBURG, LL.D., author of "Commentary on Ecclesiastes."
- D. G. . . Sir DOUGLAS GALTON, K.C.B., LL.D., D.C.L., F.R.S., Chairman of Council, Society of Arts, London.
- D. GI. . . DAVID GILL, LL.D., F.R.S., Astronomer-Royal, Cape of Good Hope.
- EDWIN GOADBY, York [articles LOUGHBOROUGH, SCARBOROUGH].
- E. J. W. G. E. J. W. GIBB, author of "Ottoman Poems."
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- F. J. G. . Major-General Sir FREDERIC J. GOLDSMID, K.C.S.I., C.B.
- F. W. G. . Rev. F. W. GOTOH, LL.D., Bristol.
- G. G. . . GEORGE GRUB, LL.D., Professor of Law, Aberdeen.
- G. B. G. . G. BROWN GOODE, Assistant Secretary, Smithsonian Institution, Washington, D.C.
- H. G. . . HUGH GODFRAY, M.A., late Fellow, St John's College, Cambridge.
- H. G\*. . HENRY GANNETT, Geological and Geographical Department, Washington, D.C.
- H. GA. . HENRI GAUSSERON.
- H. GO. . HENRY GOUDY, LL.B., Advocate, Edinburgh.
- J. G. . . JAMES GLAISHER, F.R.S., President, Photographic Society, London.
- J. GA. . . JAMES GAIRDNER, Public Record Office, London.
- J. GI. . . JOHN GIBSON, author of "Science Gleanings."
- J. GO. . . J. GOODALL, Dulwich.
- J. GR. . . JOSEPH GREEN, author of "The Republic of Uruguay."
- J. GU. . . JOHN GUNN, F.R.G.S., "Challenger" Expedition Office.
- Rev. JOHN GORDON, Kenilworth [article BAXTER Richard].
- J. E. G. . Prof. J. E. GOODRICH, University of Vermont, Burlington, Vt.
- J. G. G. . J. GREY GLOVER, M.D., London.
- J. G. G\*. . J. G. GOODCHILD, Geological Survey Office, London.
- J. H. G. . J. H. GALLÉE, Ph.D., Professor of Teutonic Languages, University of Utrecht.



- Miss JULIET H. GOODWIN, Newport, R.I. [articles AMHERST, &c.].
- J. M. G. . JOHN M. GRAY, Curator, Scottish National Portrait Gallery, Edinburgh.
- J. R. G. . JOSEPH REAY GREENE, M.D., author of "Manual of the Animal Kingdom."
- J. R. G\*. . J. RAYMOND GASQUET, M.B., Brighton.
- J. S. S.-G. JOHN S. STUART-GLENNIE, author of "Pilgrim Memories."
- J. W. L. G. J. W. L. GLAISHER, D.Sc., F.R.S., President, Royal Astronomical Society, and Lecturer in Mathematics, Trinity College, Cambridge.
- K. G. . . K. GELDNER, Ph.D., Professor of Philology, University of Halle.
- K. E. G. . K. E. GOEBEL, Ph.D., Professor of Botany, University of Rostock.
- L. V. G. . Prof. LUDWIG VON GRAFF, Ph.D., University of Graz, Austria.
- M. J. DE G. M. J. DE GOEJE, Ph.D., Professor of Arabic, University of Leyden.
- P. G. . . PERCY GARDNER, Litt.D., Disney Professor of Archaeology, University of Cambridge.
- P. GE. . PATRICK GEDDES, Professor of Botany, University College, Dundee.
- P. L. G. . PHILIP LYTTELTON GELL, M.A., Balliol College, Oxford.  
Maj.-General Q. A. GILLMORE, U.S. Army [article GALVESTON].
- R. G. . . RICHARD GARNETT, LL.D., British Museum.
- R. GR. . ROBERT GRAY, Peterhead.
- R. B. G. . Rev. R. B. GIRDLESTONE, M.A., late Secretary, British and Foreign Bible Society.
- ST. G. . . STANISLAS GUYARD, author of "Theorie Nouvelle de la Métrique Arabe."  
S. H. GAY, author of "A Popular History of the United States" [articles OTIS, QUINCY, Josiah].
- S. R. G. . S. RAWSON GARDINER, LL.D., author of "History of the Great Civil War."
- T. G. . . THOMAS GALLOWAY, F.R.S., author of "Probability."
- T. GI. . . THOMAS GILRAY, M.A., Professor of Modern History and English Literature, University College, Dundee.
- T. GR. . THOMAS GRAY, B.Sc., F.R.S.E., Glasgow.
- W. G. . . WILLIAM GARNETT, M.A., Principal, College of Physical Science, Newcastle.
- W. GI. . WM. GISBORNE, author of "Official Handbook of New Zealand, 1883-84."  
WILLIAM GUTHRIE, LL.D., Sheriff-Substitute of Lanarkshire [articles ABATEMENT, &c.].
- W. D. G. WM. DUGUID GEDDES, LL.D., Principal, University of Aberdeen.  
Maj.-Gen. Sir W. H. R. GREEN, K.C.S.I., C.B. [articles BALUCHISTAN, KHELAT, &c.].
- A. HA. . ADOLF HARNACK, D.D., Professor of Church History, University of Berlin.  
ALFRED HOPKINSON, M.A., Professor of Jurisprudence, Owens College, Manchester [articles GAIUS, &c.].
- A. A. W. H. A. A. W. HUBRECHT, Ph.D., LL.D., Professor of Zoology, University of Utrecht.
- A. C. H. . A. C. HARRIS, Indianapolis, Ind.
- A. F. H. . A. F. HUTCHISON, M.A., Rector, High School, Stirling.
- A. J. H. . A. J. HIPKINS, F.S.A., author of "Musical Instruments, Historic, Rare, and Unique."
- A. S. H. . Misses HORNER, author of "Walks through Florence."
- A. T. H. . Prof. A. T. HADLEY, New Haven, Conn.
- A. V. H. . Baron ANATOLE VON HÜGEL, Curator, Museum of Archaeology, University of Cambridge.
- A. W. H. . ARTHUR WILLIAM HARE, M.B., Professor of Surgery, Owens College, Manchester.
- C. A. H. . Sir CHARLES A. HARTLEY, K.C.M.G., author of "Inland Navigations in Europe."
- C. H. H. . Prof. C. H. HITCHCOCK, Dartmouth College, Hanover, N.H.
- C. H. H\*. CHARLES H. HART, Curator, Numismatic and Antiquarian Society, Philadelphia.
- E. H. . . Miss E. HAMILTON.
- E. HA. . Rev. EDWIN HATCH, D.D., University Reader in Ecclesiastical History, Oxford.
- E. HU. . E. HÜBNER, Ph.D., Professor of Classical Philology, University of Berlin.
- E. E. H. . Rev. EDWARD E. HALE, A.M., Boston.
- E. L. H. . Rev. EDWARD L. HICKS, M.A., Fenny Compton Rectory, Leamington.
- E. M. H. . E. M. HOLMES, Curator of Museum, Pharmaceutical Society, London.
- E. P. H. . E. P. HANNA, Department of the Interior, Washington, D.C.
- E. W. H. . E. W. HOBSON, M.A., Lecturer in Mathematics, Christ's College, Cambridge.
- E. W. H. H. E. W. H. HOLDSWORTH, author of "Deep Sea Fishing, and Fishing Boats."
- F. H. . . FRANCIS HUEFFER, Ph.D., author of "Musical Studies."
- G. H. . . Rev. GEORGE HENSLOW, M.A., author of "The Origin of Floral Structures."
- G. F. H. . GEO. F. HOOPER, late of the Admiralty Library, Whitehall.
- G. W. H. . GEO. W. HOTCHKISS, Secretary, Lumberman's Exchange, Chicago, Ill.
- H. H. . . HENRI HYMANS, Conservateur, Bibliothèque Royale, Brussels.
- H. HI. . HANS HILDEBRAND, Ph.D., Secretary, Royal Academy of History and Archaeology, Stockholm.
- H. A. H. . H. A. HUSBAND, M.B., author of "Forensic Medicine and Medical Police."
- H. C. H. . Rev. HORACE C. HOVEY, New Haven, Conn.  
Rev. H. G. BONAVIA HUNT, Mus.B., Warden, Trinity College, London [articles FLUTE, FORKEL].
- H. H. H. . Prof. HUGO H. HILDEBRANDSSON, Director, Meteorologiska Observatorium, Upsala.

## H

- H. . . . The Right Hon. Lord HOUGHTON, D.C.L., F.R.S., author of "Monographs, Personal and Social."
- A. H. . ABRAHAM HAYWARD, Q.C., author of "Biographical and Critical Essays."

- H. R. H. . Rev. H. R. HAWES, M.A., author of "Music and Morals."
- J. H. . . JOHN HUNTER, late Hon. Secretary, British Bee-keepers' Association.
- J. H\*. . . Major JERIDIAH HOTCHKISS, Staunton, Va.
- J. HO. . . JOHN HOPKINSON, C.E., D.Sc., F.R.S., author of "Dynamic Electricity."
- JOSEPH HODGSON, Editor, *Daily Register*, Mobile, Ala. [article MOBILE].
- JOHN HORNE, Geological Survey of Scotland [article OASES].
- J. A. H. . J. A. HJALTALIN, Reykjavik, Iceland.
- J. F. H. . J. F. HUDSON, Pittsburgh, Pa.
- J. H. H. . J. H. HESSELS, M.A., author of "Haarlem, the Birthplace of Printing."
- J. R. H. . J. RUSSELL HIND, LL.D., F.R.S., Superintendent of the "Nautical Almanac," London.
- J. R. H\*. . Major J. R. HUBBARD, New York.
- J. SMITH HOMANS [articles ADRIAN, ALTOONA].
- J. W. H. . J. WESLEY HALES, M.A., Professor of English Language, King's College, London.
- L. F. V.-H. L. F. VERNON-HARCOURT, M.A., C.E., Professor of Civil Engineering and Surveying, University College, London.
- M. H. . . Rev. M. HARVEY, St John's, Newfoundland.
- M. F. H. . M. F. HEDDLE, M.A., late Professor of Chemistry, University of St Andrews.
- M. T. H. . Prof. M. Th. HOUTSMA, University of Leyden.
- O. H. . . OLAUS HENRIOL, Ph.D., LL.D., F.R.S., Professor of Mechanics and Mathematics, London Institute.
- P. H. . . PETER HENDERSON, Jersey City, N.J.
- P. G. H. . P. G. HAMERTON, author of "The Graphic Arts."
- Rev. P. HAY HUNTER, Yester, East Lothian [articles CLYDE, Lord, &c.].
- R. H. . . ROBERT HEDDERWICK, Glasgow.
- R. A. H. . R. A. HILL, Royal Mint, London.
- R. B. HALDANE, M.A., M.P., author of "Life of Adam Smith" [articles HERRACITUS, LAMETTRIE].
- R. D. H. . R. DREW HICKS, M.A., Lecturer in Classics, and Fellow of Trinity College, Cambridge.
- R. T. H. . R. T. HILL, author of "Geological Knowledge of Texas," U.S. Geological Survey.
- S. H. . . SHIRLEY HIBBERD, author of "The Ivy."
- T. H. . . THOMAS HODGKIN, LL.D., D.C.L., author of "Italy and her Invaders."
- THOMAS HUTCHISON, Kirkcaldy [article KIRK-CALDY].
- T. E. H. . THOS. E. HOLLAND, D.C.L., Chichele Professor of International Law and Diplomacy, University of Oxford.
- T. F. H. . T. F. HENDERSON, London.
- T. H. H. . THOS. H. HUXLEY, M.D., LL.D., D.C.L., F.R.S., Hon. Professor of Biology, Normal School of Science and Royal School of Mines, London.
- T. H. H\*. . Major T. H. HOLDICH, R.E.
- T. L. H. . T. L. HEATH, B.A., London.
- W. H. . . Sir WILLIAM HAMILTON, Bart., late Professor of Logic and Metaphysics, University of Edinburgh.
- W. HA. . Rev. WM. HANNA, D.D., author of "Memoir of Chalmers."
- W. HE. . WALTER HEPWORTH, Art Department. South Kensington.
- W. HO. . WYNNARD HOOPER, M.A., London.
- W. A. H. . WILLIAM ALFRED HINDS, author of "American Communities."
- W. A. HE. WM. A. HERDMAN, D.Sc., Professor of Natural History, University College, Liverpool.
- W. B. H. . W. B. HUNTER, M.D., Smedley's Institution, Matlock Bath.
- W. E. H. . WM. ERNEST HENLEY, author of "A Book of Verses."
- W. E. HO. W. E. HOYLE, M.A., late of the "Challenger" Expedition.
- W. F. H. . WM. FRED. HUNTER (the late), LL.B., Advocate.
- W. P. H. . W. P. HARPER, London.
- W. W. H. Sir WILLIAM W. HUNTER, K.C.S.I., C.I.E., LL.D., late Director of Statistics to the Government of India.

## I

- J. K. I. . J. KELLS INGRAM, LL.D., Senior Lecturer, Trinity College, Dublin.

## J

- A. J. . . ALEX. JOHNSTON, Professor of Jurisprudence and Political Economy, Princeton College, N.J.
- ANDREW JERVISE [articles BANFF, &c.].
- B. J. . . Prof. B. JÜLG (the late), University of Innsbruck.
- B. D. J. . B. DAYDON JACKSON, Secretary, Linnean Society, London.
- C. P. J. . C. PIERPOINT JOHNSON, Editor of Sowerby's "Wild Flowers."
- D. J. . . Most Rev. Archbishop D. JACOBINI, Rome.
- E. J. . . EMIL JUNG, Ph.D., Leipsic.
- E. JE. . . E. JEWILL, Torpoint, Cornwall.
- F. J. . . FLEMING JENKIN (the late), F.R.S., Professor of Engineering, University of Edinburgh.
- H. J. . . HENRY JONES (Cavendish).
- H. JA. . . HENRY JACKSON, Litt.D., Fellow, and Prælector in Ancient Philosophy, Trinity College, Cambridge.
- H. I. J. . H. I. JENKINSON, Keswick.
- J. J. . . J. JOHNSTON, Milwaukee, Wis.
- J. H. J. . J. HENRY JOHNSON, Solicitor, London.
- J. R. J. . J. R. JACKSON, Curator of Museum, Royal Botanic Gardens, Kew.
- J. Y. J. . J. YATE JOHNSON, author of "Handbook to Madeira."
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- OLIVER JOHNSON, New York, author of "Garrison, a Sketch of his Life" [article GARRISON].
- R. C. J. . RICH. CLAVERHOUSE JEBB, Litt.D., LL.D., Professor of Greek, University of Glasgow.
- W. L. J. . W. LEIGHTON JORDAN, author of "The Argentine Republic, a Descriptive and Historical Sketch."
- W. S. J. . W. S. JEVONS, F.R.S., author of "Theory of Political Economy."

## K

- A. B. W. K. A. B. W. KENNEDY, C.E., F.R.S., Professor of Engineering in University College, London.

- A. H. K. . A. H. KEANE, Professor of Hindustani, University College, London.
- C. K. . . CHARLES KENT, author of "Charles Dickens as a Reader."
- C. C. K. . Major C. C. KING, R.M., late Professor of Tactics, &c., Royal Military College, Sandhurst.
- C. G. K. . CARGILL G. KNOTT, D.Sc., Imperial University, Tokio, Japan.
- C. M. K. . Prof. C. M. KAN, Amsterdam.
- D. K. . . DAVID KAY, F.R.G.S., author of *Austria*, in the "Foreign Countries Series."
- D. K\*. . D. KALTBRUNNER, Paris, author of "Manuel de Voyageur."
- F. K. . . Prof. F. KJELLMAN, University of Upsala.
- G. W. K. . Very Rev. GEO. WM. KITCHIN, D.D., Dean of Winchester.
- I.G.N.K.-F. Hon. ION G. N. KEITH-FALCONER (the late), M.A., Lord Almoner's Reader of Arabic, University of Cambridge.
- J. D. J. K. Lieutenant J. D. JERROLD KELLY, United States Navy.
- J. E. K. . Senator JOHN E. KENNA, Charleston, W. Va.
- J. S. K. . J. SCOTT KETTIE, Librarian, Royal Geographical Society, London.
- K. K. . . K. KESSLER, Ph.D., University of Marburg.
- M. K. . . MICHAEL KERNEY, London.
- P. K. . . PHILIP KELLAND (the late), F.R.S., Professor of Mathematics, University of Edinburgh.
- P. A. K. . Prince PETR A. KROPOTKINE, late Member of the Imperial Russian Geographical Society, St Petersburg.
- R. J. K. . R. J. KING (the late), Crediton, Devon.
- T. K. . . THOMAS KIRKUP, M.A., author of "An Inquiry into Socialism."
- W. C. K. . Prof. W. C. KERR, late State Geologist, Raleigh, North Carolina.
- W. F. K. . W. F. KIRBY, joint author of "Introduction to Entomology."

## L

- A. L. . . ANDREW LANG, LL.D., author of "Myths, Ritual, and Religion."
- A. LA. . . ALFRED LARGE, Donaldson's Hospital, Edinburgh.
- A. O. L. . A. C. OUGHTER LONIE, Kinghorn, Fife.
- A. R. L. . ALBERT R. LEEDS, Stevens Institute of Technology, Hoboken, N.J.
- C. J. L. . CHARLES JAMES LYALL, M.A., C.I.E., author of "Sketch of the Hindustani Language."
- D. J. L. . D. J. LEECH, M.D., Professor of Materia Medica, Owens College, Manchester.
- E. R. L. . EDWIN RAY LANKESTER, LL.D., F.R.S., Professor of Zoology and Comparative Anatomy, University College, London.
- E. T. L. . E. T. LEFROY (the late), of *The Freeman's Journal*, Dublin.
- F. L. . . F. LIEBERMANN, Ph.D., Berlin.
- F. M. L. . F. MAXWELL LYTE, F.C.S., London.
- G. M. L. . GEO. M. LOW, F.F.A., Manager, Edinburgh Life Assurance Company.
- G. W. L. . G. W. LATHAM (the late), of Bradwall Hall, Cheshire.
- H. L. . . HENRY LETHBRIDGE (the late), M.B., Ph.D., Medical Officer of Health to the City of London.

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- H. CABOT LODGE, author of "Albert Gallatin" [article GALLATIN].
- H. D. L. . HENRY D. LITTLEJOHN, M.D., Lecturer in Medical Jurisprudence, School of Medicine, Edinburgh.
- H. R. L. . Rev. HENRY R. LUARD, D.D., Fellow of Trinity College, Cambridge.
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- J. K. L. . JOHN K. LAUGHTON, M.A., R.N., Lecturer in Naval History, Royal Naval College, Greenwich.
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- Rev. W. LOCKHART, Procuratore Generale dei Rosminiani, Rome.

## M

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- A. M. . . ARTHUR MAW, Trowbridge, Salop.
- A. M\*. . Rev. ALLAN MENZIES, B.D., Abernethy, Perthshire.
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- A. B. M. . ALEX. B. MACDOWALL, London.
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- A. D. M. . ALBERT D. MICHAEL, F.Z.S., F.R.M.S., London.
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- A.W.K.M. . A. W. K. MILLER, British Museum.
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C. N. B. MUSTON, Edinburgh [articles CANTERBURY, N.Z., &c.].
- C. R. M. . CLEMENTS R. MARKHAM, C.B., F.R.S., Secretary, Royal Geographical Society, London.
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- D. MA. . DAVID MASSON, LL.D., Professor of English Literature, University of Edinburgh.
- D. B. M. . DAVID BINNING MONRO, M.A., Provost of Oriel College, Oxford.
- D. H. M. . D. H. MÜLLER, Professor of Semitic Languages, University of Vienna.
- D.H.M'A. . D. H. M'ADAM, St Louis, Mo.
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E. MARZIALS, London [article JASMIN].
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- F. M\*. . FALCONER MADAN, M.A., Sub-librarian, Bodleian Library, Oxford.
- F. MA. . FREDERICK MARTIN (the late), Editor of the "Statesman's Year Book."
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- F. M. M. . FRIEDRICH MAX MÜLLER, LL.D., Corpus Professor of Comparative Philology, University of Oxford.
- G. M. . . GEO. MAW, Benthall Hall, Broseley, Salop.
- G. M'A. . Rev. GEORGE M'ARTHUR, M.A., Sub-editor of the *Encyclopædia Britannica*.
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- H. M. . . HUGH MILLER, Geological Survey of Scotland, Edinburgh.  
HUGH M'ALL, Lisburn, Co. Antrim [article BELFAST].
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- J. MA. . . JOHN MACDONALD, London.
- J. MA\*. . JULIAN MARSHALL, author of "Annals of Tennis."
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- J. M'G. . JAMES MACGREGOR, author of "The Rob Roy on the Jordan."  
JAMES MACAULAY, M.D., Editor, *Leisure Hour*, London [article TRACT SOCIETIES].
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J. MASSON, Dundee [article BABRIUS].
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- J. F. M\*. . Colonel J. F. MAURICE, R.A., Professor of Military Art and History, Staff College, Farnborough.
- J. F. M'L. . JOHN F. M'LENNAN, LL.B., Advocate, Edinburgh.
- J. G. M. . J. G. M'KENDRICK, M.D., LL.D., F.R.S., Professor of the Institutes of Medicine, University of Glasgow.
- J. H. M. . J. HENRY MIDDLETON, F.S.A., Slade Professor of Fine Art, University of Cambridge.
- J. M. M'C. . JOHN M. M'CANDLISH, Manager and Actuary, Scottish Union and National Insurance Company, Edinburgh.  
JOHN M. D. MEIKLEJOHN, M.A., Professor of Education, University of St Andrews [article MANN].
- J. S. M. . JOHN S. MACKAY, LL.D., Mathematical Master, Edinburgh Academy.
- J. T. M. . J. THEODORE MERZ, author of *Leibniz*, in "Philosophical Classics for English Readers."
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- M. M'M. . General Sir WILLIAM M. S. M'MURDO, K.C.B.
- M. T. M. . MAXWELL T. MASTERS, M.D., F.L.S., F.R.S., London.
- O. M. . . ORME MASSON, M.A., D.Sc., Professor of Chemistry, University of Melbourne.
- P. M. . . PAUL MEYER, Professor of the Languages and Literature of Southern Europe, Collège de France, Paris.
- P. M\*. . . Sir PHILIP MAGNUS, Organizing Director, Central Institution of the City and Guilds of London Institute.
- P. W. . STUART MENTEATH, Paris [articles ANDORRE, BASQUE PROVINCES].

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- R. M'L\*. . General ROBERT M'LAGAN, R.E.
- R. ME. . RAPHAEL MELDOLA, F.R.S., Professor of Applied Chemistry, Finsbury Technical College, London.
- R. MU. . ROBERT MUNRO, M.A., M.D., Kilmarnock.
- R. MU\*. . Rev. ROBERT MUNRO, M.A., B.D., F.S.A.S., Old Kilpatrick, Dumbartonshire.
- R. C. M. . R. C. MENZIES, Inveresk Paper Mills, Musselburgh.
- R. H. MAJOR, late Secretary, Royal Geographical Society [article HENRY the Navigator].
- R. W. MICOU, Waterbury, Conn. [article WATERBURY].
- ST G. M. . ST GEORGE MIVART, M.D., Ph.D., F.R.S., author of "Lessons from Nature as manifested in Mind and Matter."
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- T. M'C. . T. R. H. M'CLATCHIE, Yokohama, Japan.
- T. M'L. . Rev. THOMAS M'LAUCHLAN, D.D., author of "The Early Scottish Church."
- T. MO. . THOMAS MOORM, F.L.S., late Curator, Royal Botanic Garden, Chelsea.
- T. MU. . THOMAS MUIR, LL.D., Mathematical Master, High School, Glasgow.
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- W. M. . . WILLIAM MINTO, M.A., Professor of English Language, University of Aberdeen.
- W. M\*. . W. MOORE, Principal Surveyor for Tonnage, Board of Trade, London.
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- WILLIAM MELVEN, Hillhead, Glasgow [article RENFREW].
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- W. MO. . WILLIAM MORRIS, author of "Decorative Arts and Modern Life and Progress."
- W. C. M. . WM. C. M'INTOSH, M.D., LL.D., F.R.S., Professor of Natural History, University of St Andrews.
- W. O. M. . WILLIAM O'CONNOR MORRIS, Tullamore, King's County, Ireland.
- W. R. M. . W. R. MORFILL, M.A., author of "Slavonic Literature."
- W.R.M'N. W. R. M'NAB, M.D., Professor of Botany, Royal College of Science, Dublin.
- A. N. . . ALFRED NEWTON, F.R.S., Professor of Zoology and Comparative Anatomy, University of Cambridge.
- A. NE. . . ALEXANDER NESBITT, F.S.A., author of "South Kensington Handbook on Glass."
- A. NI. . . ALEX. NICOLSON, LL.D., Advocate, Sheriff-Substitute of Renfrewshire.
- A. NO. . . ADOLF NOREEN, Ph.D., University of Upsala.
- A. B. NETTLETON, Minneapolis, Min. [article ST PAUL, MIN.].
- A. V. N. . A. V. NEWTON, late of the Office for Patents, London.
- CHARLES NISBET, London [articles SCUTARI, &c.].
- C. B. N. . C. B. NORMAN, author of "Colonial France."
- C. H. N. . Col. Sir CHARLES B. P. N. H. NUGENT, R.E., K.C.B.
- E. N. . . Prof. ERNEST NYS, University of Brussels.
- E. B. N. . E. W. B. NICHOLSON, M.A., Librarian of the Bodleian Library, Oxford.
- E. T. N. . E. T. NEWTON, Palæontologist, Geological Survey of the United Kingdom, London.
- H. N. . . HENRY NICOL (the late), London.
- H. A. N. . H. ALLEYNE NICHOLSON, M.D., D.Sc., Professor of Natural History, University of Aberdeen.
- H. A. N\*. . HUBERT A. NEWTON, Professor of Mathematics, Yale College, New Haven, Conn.
- H. J. N. . H. J. NEWMAN, Editor, *Ridley's Wine and Spirit Trade Circular*, London.
- J. N. . . JOHN NICHOL, LL.D., Professor of English Language and Literature, University of Glasgow.
- J. NI. . . JAMES NICOL, author of "Elements of Mineralogy."
- J. F. N. . J. FR. NYSTROM, Ph.D., University of Upsala.
- J. G. N. . Col. J. G. NICOLAY, author of "Life of Abraham Lincoln."
- J. S. N. . Rev. JAS. SPENCER NORTHCOTE, D.D., joint author of "Roma Sotteranea."
- J. S. N\*. . Prof. J. S. NEWBERRY, Columbia College School of Mines, New York.
- J. S. N†. . JOS. SHIELD NICHOLSON, D.Sc., Professor of Political Economy, University of Edinburgh.
- J. T. NAAKE, British Museum [articles GOGOL, &c.].
- S. N. . . SIMON NEWCOMB, F.R.S., Superintendent of the U.S. Nautical Almanack, Washington, D.C.
- T. N. . . THOMAS NICHOLS, British Museum.
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- W. J. N. . JOHN NOBLE, Clerk to the Legislative Assembly, Cape of Good Hope.
- WM. JAMES NOBLE, Barrister-at-Law, London [article GLAUBER].
- O
- A. v. O. . A. VON ORELLI, Ph.D., Professor of the Institutes of Jurisprudence, University of Zurich.
- C. O'N. . CHARLES O'NEILL, author of "Chemistry of Calico Printing."
- E. O. . . EDWARD ORTON, LL.D., State Geologist and Professor of Geology, University of Ohio, Columbus, O.
- E. O'M. . Rev. EUGENE H. O'MEARA, A.B., Newcastle Lyons Rectory, Co. Dublin.
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- J. D. A. O'CONNOR. Chicago [articles GALENA, &c.].
- N

- J. C. O'D. JAS. CORNELIUS O'DOWD, C.B., Deputy Advocate-General, War Office, London.  
Rev. Canon OVERTON, M.A., Epworth Rectory, Lincolnshire [article LAW, Win.].
- J. L. O. J. L. OHLSON, late Secretary, West India Committee, London.
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- R. O. Sir RICHARD OWEN, K.C.B., LL.D., D.C.L., F.R.S.

## P

- C. P. Rev. CHARLES PRITCHARD, D.D., Savilian Professor of Astronomy, University of Oxford.
- C. PA. Cav. CESARE PAOLI, Professor of Palæography and Diplomatics, Reale Istituto Superiore, Florence.
- C. H. P. CHARLES H. PIESSE, F.I.C., M.R.C.S., Public Analyst, Fulham District, London.
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D. R. PEACOCK, British Vice-Consul, Batoum, Caucasus [article KUBAN].
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- E. J. P. } EDWARD JAMES PAYNE, Barrister-at-Law, Lincoln's  
E. J. P\* } Inn, London.
- E. S. P. E. S. POOLE, London.
- F. P. FRANK PARISH, London.
- F. PO. FREDERICK POLLOCK, LL.D., Corpus Professor of Jurisprudence, University of Oxford.
- F. A. P. F. A. PALEY, LL.D., Editor of *Æschylus*, "Bibliotheca Classica," and *Euripides* and *Sophocles*, "Cambridge Greek and Latin Texts."
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- G. H. P. Prof. G. H. PERKINS, University of Vermont, Burlington, Vt.
- G. W. P. G. W. PROTHERO, M.A., Senior Tutor, and Lecturer in History, King's College, Cambridge.
- H. F. P. H. F. PELHAM, M.A., Fellow of Exeter College, and University Reader in Ancient History, Oxford.
- H. R. P. HENRY R. PROCTER, author of Paper on "Periodicity," in *Philosophical Magazine*.
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Rev. Canon PUCKLE, M.A., St Mary's Vicarage, Dover [article DOVER].  
JAMES PURVES, S.S.C., Edinburgh [articles BRUCE, Michael, &c.].
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- J. B. PR. Hon. J. BRADFORD PRINCE, Santa Fé, New Mexico.
- J. E. P. Maj.-Gen. J. E. PORTLOCK (the late), R.E., Member of the Council on Military Education, Whitehall.
- J. F. P. JOSEPH F. PAYNE, B.A., M.D., Lecturer on Pathological Anatomy, St Thomas's Hospital, London.
- J. G. P. J. G. PYLE, St Paul, Minnesota.
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- J. P. P. J. PERCIVAL POSTGATE, Litt.D., Professor of Comparative Philology, University College, London.
- J. R. P. JOHN R. PROCTER, Geological Survey, Frankfort, Kentucky.  
J. ROWLAND PHILLIPS, author of "The Civil Wars in Wales and the Marches" [article GLENDOWER].
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- P. H. P.-S. PHILIP H. PYE-SMITH, M.D., F.R.S., Physician, Guy's Hospital, London.
- R. P. REINHOLD PAULI (the late), LL.D., University of Göttingen.
- R. A. P. R. A. PROCTOR, B.A., author of "Saturn and its System."
- R. A. P\*. Gen. ROGER A. PRYOR, late Confederate Army.
- R. L. P. R. LANE POOLE, M.A., Ph.D., Lecturer in Modern History, Jesus College, Oxford.
- R. S. P. REGINALD STUART POOLE, LL.D., Keeper of the Coins and Medals Department, British Museum.  
Lieut.-Col. SIBSON COOPER PRATT, R.A., Professor of Military History, Royal Military Academy, Woolwich [articles BATTERY, &c.].
- S. F. P. Prof. S. F. PECKHAM, M.A., late U.S. Census Commissioner.
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 W. N. P. . W. NORWOOD POTTER, late Editor of the *City of London Chess Magazine*.  
 W. T. PRICE, Louisville, Kentucky [article LOUISVILLE].

## Q

- R. H. Q. . Rev. ROBERT H. QUICK, M.A., author of "Essays on Educational Reformers."

## R

- R. . . . The Right Hon. Lord RAYLEIGH, LL.D., D.C.L., F.R.S., Professor of Natural Philosophy, Royal Institution, London.  
 ALEXANDER RAMSAY, London [articles ANDES, &c.].  
 A. A. R. . A. ADAMS-REILLY, joint author of "Forbes's Life and Letters."  
 A. P. R. . General A. P. ROCKWELL, Boston, Mass.  
 A. W. R. . ALEX. WOOD RENTON, M.A., LL.B., Barrister-at-Law, London.  
 C. J. R. . Rev. CHAS. JOHN ROBINSON, M.A., West Hackney Rectory, London.  
 CHARLES J. G. RAMPINI, Advocate, Sheriff-Substitute of Elgin, formerly of Shetland [article ORKNEY AND SHETLAND].  
 Rev. DAVID RUSSELL, Dunfermline [article DUNFERMLINE].  
 D. C. R. . D. CONSTABLE ROBB, B.A., late of the University Museum, Oxford.  
 E. R. . . EDMUND ROBERTSON, LL.D., M.P., Barrister-at-Law, late Professor of Roman Law, University College, London.  
 É. RÈ. . ÉLIE RÉCLUS, author of "Les Primitifs, études d'ethnologie comparée."  
 EDWIN RANSOM, Bedford [article BEDFORDSHIRE].  
 Miss EMILY READ [article DELAWARE].  
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 E. S. R. . ERIC S. ROBERTSON, Professor of English Literature, University of the Punjab, Lahore.  
 E. T. ROWELL, Lowell, Mass. [article LOWELL].  
 F. R. . . FRANK RUTLEY, F.G.S., Examiner, Science Department, South Kensington.  
 F. S. R. . Col. FRANCIS SHIRLEY RUSSELL, late 1st Royal Dragoons.  
 F. W. R. . FRANCIS W. ROWSELL (the late), C.B., C.M.G., Superintendent of Naval Contracts, Admiralty, Whitehall.  
 F. W. R\*. F. W. RUDLER, Curator, Museum of Practical Geology, Jermyn Street, London.  
 G. R. . . Rev. Canon RAWLINSON, M.A., Professor of Ancient History, University of Oxford.  
 G. RE. . GEORGE REID, R.S.A., Edinburgh.  
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 LUINI RIOCI, London [articles LESUREUR, LULLY].  
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## S

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T

- A. T. . . ALLEN THOMSON (the late), M.D., LL.D., D.C.L., F.R.S., Professor of Anatomy, University of Glasgow.
- A. A. T. . ARTHUR AUGUSTUS TILLEY, Fellow and Classical Lecturer, King's College, Cambridge.
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- D. W. T. . D'ARCY WENTWORTH THOMPSON, B.A., Professor of Biology, University College, Dundee.
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- J. B. TE. . Captain J. BRECHAN TELFER, R.N., London.
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 MARIE VON THILO, London [article GRANADA].
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- W. T. T. . WM. THOS. THORNTON, author of "A Plea for Peasant Proprietors."

## U

- W. C. U. . W. CAWTHORNE UNWIN, B.Sc., F.R.S., Professor of Engineering, Central Institute, City and Guilds of London.

## V

- A. V. . . AUGUST VOELCKER (the late), F.R.S., Professor of Chemistry, Agricultural Society of England.  
 ALBERT D. VANDAM, London [articles AMSTERDAM, CASANOVA].
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- L.F.V.-H. LEVESON FRANCIS VERNON-HARCOURT, M.A., C.E.,

Professor of Civil Engineering and Surveying, University College, London.

- P. V. . . Prof. PASQUALE VILLARI, Istituto Reale, Florence.  
 Prof. P. J. VETH, University of Amsterdam [article MELVILLE].
- S. H. V. . SYDNEY HOWARD VINES, D.Sc., F.R.S., Sherardian Professor of Botany, University of Oxford.

## W

- A. W. . . ANDREW WILSON, Ph.D., Lecturer on Zoology and Comparative Anatomy, School of Medicine, Edinburgh.
- A. WH. . ALEXANDER WHYTOCK (the late), Carpet Manufacturer, Edinburgh.
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- A. M. W. . A. M. WELLINGTON, Mem. Am. Soc. C. E., New York.  
 A. N. WOLLASTON, C.I.E., Department of Revenue, Statistics and Commerce, India Office, London.
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- A. W. W\*. Major ARTHUR WELLESLEY WHITE, R.A., Instructor, School of Gunnery, Woolwich.  
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W. A. WHYTE, Edinburgh [articles BAYARD, &c.].
- W. C. W. . WM. CRAWFORD WILLIAMSON, LL.D., F.R.S., Professor of Botany, Owens College, Manchester.
- W. D. W. . WILLIAM DWIGHT WHITNEY, LL.D., Professor of Sanskrit, Yale College, New Haven, Conn.
- W. H. W. . Maj.-Gen. W. H. WARDELL, R.A., late of the Royal Gunpowder Factory, Waltham Abbey.  
W. H. K. WRIGHT, Librarian, Free Library, Plymouth [article PLYMOUTH].  
W. M. WATSON [article COLUMBIA, District of].
- W. S. B. W. W. S. B. WOOLHOUSE, author of "Weights and Measures of all Nations."

Y

- C. Y. . . CHARLES YRIARTE, author of "L'Histoire de Venice."
- E. S. YOVTCHEFF, National Library, Sofia, Bulgaria [articles VARNA, WIDDIN].
- FRANCIS YOUNG, London [article ALI PASHA].
- H. Y. . . Colonel HENRY YULE, R.E., C.B., LL.D., author of "The Book of Marco Polo."
- J. Y . . JOHN YOUNG, M.D., Professor of Natural History, University of Glasgow.

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